

## AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method, comprising:

arranging monitor managed beans in a hierarchical tree structure, wherein each  
associating a resource with a of the monitor managed bean beans to seek  
monitoring of one or more corresponding resources of a plurality of  
resources associated with at a node one or more nodes of a plurality of  
nodes of a monitor the hierarchical tree structure, wherein the monitor tree  
having the node including the monitor managed bean beans are associated  
with runtime managed beans responsible for monitoring the plurality of  
resources and the resource associated with the monitor managed bean;  
monitoring the plurality of resources including the resource via a the runtime  
managed bean beans, wherein each of the runtime managed beans to  
collect monitoring information for its assigned resource of the plurality of  
resources; and  
requesting monitoring information regarding the resource from the runtime  
managed bean; and  
receiving the monitoring information from the runtime managed beans, wherein  
the monitoring information is received by the monitor managed beans at  
the node plurality of nodes via the monitor managed bean.

2. (Currently Amended) The method of claim 1, further comprising:

receiving a notification from the runtime managed bean at the node by the  
monitor managed bean, the notification including a signal indicating beans  
signaling availability of the monitoring information; and  
in response to receiving the notification, the monitor managed beans requesting

the monitoring information from the runtime managed-bean beans.

3. (Currently Amended) The method of claim 1, further comprising:  
receiving a timer notification from a timer ~~including an indication for the monitor~~  
~~managed bean to request the monitoring data~~ indicating availability of the  
monitoring information; and  
in response to receiving the timer notification, the monitor managed beans  
requesting the monitoring information from the runtime managed-bean  
beans.
4. (Cancelled)
5. (Currently Amended) The method of claim-4 1, wherein ~~one or more the plurality~~  
of resources include one or more of Advanced Business Application  
Programming resources associated with an ABAP engine, and Java resources  
associated with a Java 2 Platform, Enterprise Edition (J2EE) engine, the Java  
plurality of resources include one or more of the following: kernel, services,  
interfaces, and libraries ~~corresponding to a dispatcher or a server associated with~~  
~~the J2EE engine~~.
6. (Cancelled)
7. (Currently Amended) The method of claim 1, further ~~comprises~~ comprising  
coupling the ~~monitor tree~~ hierarchical tree structure with a central database and  
one or more client-level applications using a monitor service, ~~wherein the monitor~~  
~~service includes one or more of the following: connectors, adaptors, interfaces,~~  
~~and applications~~.

Claims 8-10 (Cancelled)

11. (Currently Amended) The method of claim-10 1, further comprising displaying

~~the wherein the administrative tools include a visual administrator having a monitor viewer to display the monitoring information via a monitor viewer.~~

12. (Currently Amended) The method of claim 11, wherein the monitor viewer includes one or more of ~~the following:~~ a customized visual administrator monitor viewer, a Web-based monitor viewer, and a Graphical User Interface (GUI)-based monitor viewer.
13. (Currently Amended) The method of claim ~~11~~ 1, wherein the monitoring information includes one or more of ~~the following:~~ current monitoring status of the ~~associated plurality of resources~~ resource, ~~monitor monitoring history of the associated resource plurality of resources~~, and general information ~~regarding the associated resource relating to the plurality of resources~~.
14. (Currently Amended) The method of claim 13, wherein the current monitoring status includes a color-coded indication of at least one of ~~the following:~~ the ~~associated status of a resource is being monitored~~, ~~the associated the resource is nearing a critical value~~, ~~the associated resource has reached~~ reaching the critical value, and the ~~associated resource is~~ resources not being monitored.
15. (Currently Amended) The method of claim 13, wherein the ~~monitor monitoring history includes at least one of the following:~~ monitoring history of the plurality of resources that is collected over a predetermined time periods ~~a one minute history of the associated resource, a five minute history of the associated resource, a fifteen minute history of the associated resource, a thirty minute history of the associated resource, and a one hour history of the associated resource.~~

Claims 16-34 (Cancelled)

35. (Currently Amended) A system comprising:

a server having a processor and a storage medium coupled with the processor via a bus, the server further having an application server, the application server to

arrange monitor managed beans in a hierarchical tree structure, wherein each a monitor tree having a plurality of nodes including of the monitor managed beans to seek monitoring of one or more corresponding resources of a plurality of resources associated with one or more nodes and of a plurality of nodes of the hierarchical tree structure, wherein the of resources associated with the monitor managed beans are associated with runtime managed beans responsible for monitoring the plurality of resources; wherein the monitor tree having a node including a monitor managed bean and a resource associated with the monitor managed bean;

a runtime managed bean in communication with the plurality of nodes to monitor the plurality of resources via the runtime managed beans, wherein each of the runtime managed beans to collect monitoring information for its assigned resource of the plurality of resources including the resource associated with the monitor managed bean, and to provide monitoring information regarding the resource to the monitor managed bean at the node; and

a monitor viewer in communication with the monitor tree via a monitor service to display receive the monitoring information from the runtime managed beans, wherein the monitoring information is received by the monitor managed beans at the plurality of nodes.

36. (Currently Amended) The system of claim 35, wherein the ~~monitor service is~~  
application server is further to couple the hierarchical tree structure the monitor  
tree with a central database and one or more client-level applications using a  
monitor service comprising an Extensible Markup Language (XML) file having  
semantics and directives to generate the monitor tree.
37. (Currently Amended) The system of claim ~~35~~ 36, wherein the ~~monitor service is~~  
~~further to couple the monitor tree with~~ one or more client-level applications  
~~having one or more of the following:~~ include one or more of a computing center  
management system, administrative tools, and third party tools.
38. (Cancelled)
39. (Currently Amended) The system of claim 35, wherein the administrative tools  
include a monitor viewer to display the monitoring information, wherein the  
monitor viewer includes a customized visual administrator monitor viewer, a  
Web-based monitor viewer, and a Graphical User Interface (GUI)-based monitor  
viewer.

Claims 40-43 (Cancelled)

44. (Currently Amended) A machine-readable medium having instructions which,  
when executed, cause a machine to:  
arranging monitor managed beans in a hierarchical tree structure, wherein each  
associate a resource with a of the monitor managed bean beans to seek  
monitoring of one or more corresponding resources of a plurality of  
resources associated with at a node one or more nodes of a plurality of  
nodes of the hierarchical tree structure of a monitor tree, wherein the  
monitor tree having the node including the monitor managed beans are

associated with runtime managed beans responsible for monitoring the plurality of resources ~~bean and the resource associated with the monitor managed bean;~~

monitor the plurality of resources including the resource via a ~~via the runtime managed-bean beans,~~ wherein each of the runtime managed beans to collect monitoring information for its assigned resource of the plurality of resources; and;

~~request monitoring information regarding the resource from the runtime managed bean; and~~

receive the monitoring information from the runtime managed beans, wherein the monitoring information is received by the monitor managed beans at the plurality of nodes ~~at the node via the monitor managed bean.~~

45. (Currently Amended) The machine-readable medium of claim 44, wherein the instructions which, when executed, further cause the machine to:
- receive a notification from the runtime managed ~~bean at the node by the monitor managed bean,~~ the notification including a signal indicating beans signaling availability of the monitoring information; and
- in response to receiving the notification, the monitor managed beans request the monitoring information from the runtime managed ~~bean~~ beans.
46. (Currently Amended) The machine-readable medium of claim 44, wherein the instructions which, when executed, further cause the machine to:
- receive a timer notification from a timer ~~including an indication for the monitor managed bean to request the monitoring data~~ indicating availability of the monitoring information; and

in response to receiving the timer notification, the monitor managed beans request the monitoring information from the runtime managed ~~bean~~ beans.

Claims 47-53 (Cancelled)

54. (Currently Amended) The machine-readable medium of claim ~~53~~ 44, wherein the instructions which, when executed, further cause the machine to display the monitoring information via ~~wherein the administrative tools include a visual administrator having a monitor viewer to display the monitoring information.~~

55. (Currently Amended) The machine-readable medium of claim 54, wherein the monitor viewer includes one or more of ~~the following~~: a customized visual administrator monitor viewer, a Web-based monitor viewer, and a Graphical User Interface (GUI)-based monitor viewer.

Claims 56-66 (Cancelled)